

STATE OF SOUTH CAROLINA

(Caption of Case)

Monthly Fuel Cost Report and Base Load Power
Plant Performance Report

BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA

COVER SHEET

DOCKET

NUMBER: 1989 - 9 - E

(Please type or print)

Submitted by: Catherine E. Heigel

SC Bar Number: 9268

Address: Duke Energy Corporation

Telephone: 704.382.8123

PO Box 1006/ EC03T

Fax: 704.382.4494

Charlotte, NC 28201-1006

Other: _____

Email: Catherine.Heigel@duke-energy.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

- ☐ Emergency Relief demanded in petition ☐ Request for item to be placed on Commission's Agenda expeditiously
- ☐ Other: _____

INDUSTRY (Check one)	NATURE OF ACTION (Check all that apply)		
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Affidavit	<input type="checkbox"/> Letter	<input type="checkbox"/> Request
<input type="checkbox"/> Electric/Gas	<input type="checkbox"/> Agreement	<input type="checkbox"/> Memorandum	<input type="checkbox"/> Request for Certificatio
<input type="checkbox"/> Electric/Telecommunications	<input type="checkbox"/> Answer	<input type="checkbox"/> Motion	<input type="checkbox"/> Request for Investigator
<input type="checkbox"/> Electric/Water	<input type="checkbox"/> Appellate Review	<input type="checkbox"/> Objection	<input type="checkbox"/> Resale Agreement
<input type="checkbox"/> Electric/Water/Telecom.	<input type="checkbox"/> Application	<input type="checkbox"/> Petition	<input type="checkbox"/> Resale Amendment
<input type="checkbox"/> Electric/Water/Sewer	<input type="checkbox"/> Brief	<input type="checkbox"/> Petition for Reconsideration	<input type="checkbox"/> Reservation Letter
<input type="checkbox"/> Gas	<input type="checkbox"/> Certificate	<input type="checkbox"/> Petition for Rulemaking	<input type="checkbox"/> Response
<input type="checkbox"/> Railroad	<input type="checkbox"/> Comments	<input type="checkbox"/> Petition for Rule to Show Cause	<input type="checkbox"/> Response to Discovery
<input type="checkbox"/> Sewer	<input type="checkbox"/> Complaint	<input type="checkbox"/> Petition to Intervene	<input type="checkbox"/> Return to Petition
<input type="checkbox"/> Telecommunications	<input type="checkbox"/> Consent Order	<input type="checkbox"/> Petition to Intervene Out of Time	<input type="checkbox"/> Stipulation
<input type="checkbox"/> Transportation	<input type="checkbox"/> Discovery	<input type="checkbox"/> Prefiled Testimony	<input type="checkbox"/> Subpoena
<input type="checkbox"/> Water	<input type="checkbox"/> Exhibit	<input type="checkbox"/> Promotion	<input type="checkbox"/> Tariff
<input type="checkbox"/> Water/Sewer	<input type="checkbox"/> Expedited Consideration	<input type="checkbox"/> Proposed Order	<input type="checkbox"/> Other:
<input type="checkbox"/> Administrative Matter	<input type="checkbox"/> Interconnection Agreement	<input type="checkbox"/> Protest	
<input type="checkbox"/> Other:	<input type="checkbox"/> Interconnection Amendment	<input type="checkbox"/> Publisher's Affidavit	
	<input type="checkbox"/> Late-Filed Exhibit	<input checked="" type="checkbox"/> Report	



DUKE ENERGY CAROLINAS, LLC
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Charlotte, NC 28202

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Charlotte, NC 28201-1006

CATHERINE E. HEIGEL
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July 6, 2009

Charles L. Terreni, Esquire
Chief Clerk and Administrator
The Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

Re: Docket No. 1989-9-E

Dear Mr. Terreni:

Pursuant to the Commission's Orders in the above-captioned docket, enclosed for filing are copies of the following for Duke Energy Carolinas, LLC ("the Company"):

1. Monthly Fuel Cost Report for May 2009 (Exhibit A); and
2. Base Load Power Plant Performance Report for May 2009 (Exhibit B).

If you have any questions regarding this matter, please call me.

Sincerely,

A handwritten signature in dark ink that reads 'Catherine E. Heigel'.

Catherine E. Heigel

/sch

Enclosures

Copy: Office of Regulatory Staff
Dan Arnett, Chief of Staff
John Flitter
Jeff Nelson

South Carolina Energy Users Committee
Scott Elliott, Esquire

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
SUMMARY OF MONTHLY FUEL REPORT

	May 2009
Fuel Expenses:	
1 Fuel and purchased power expenses included in fuel component	\$ 104,276,795
2 Less fuel expenses (in line 1) recovered through inter-system sales (a)	720,848
3 Total fuel expenses (line 1 minus line 2)	\$ 103,555,947
MWH sales:	
4 Total system sales.	5,655,416
5 Less inter-system sales	18,423
6 Total sales less inter-system sales	5,636,993
7 Total fuel expenses (\$/KWH) (line 3/line 6)	1.8371
8 Current fuel component (\$/KWH)	2.2477
Generation Mix (MWH):	
Fossil (by primary fuel type):	
9 Coal	2,363,704
10 Fuel Oil	(586)
11 Natural Gas	2,015
12 Total fossil	2,365,133
13 Nuclear (b)	4,850,977
Hydro:	
14 Conventional	215,712
15 Pumped storage	(69,352)
16 Total hydro	146,360
17 Total MWH generation	7,362,470
18 Less: Catawba joint owners' retained portion	1,354,262
19 Adjusted total MWH generation	6,008,208
(a) Line 2 includes:	
Fuel from Intersystem Sales (Schedule 3)	701,001
Fuel in Loss Compensation	19,847
Total fuel recovered from Intersystem Sales	720,848
(b) Includes 100% of Catawba generation.	

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
DETAILS OF FUEL AND PURCHASED POWER EXPENSES

	<u>May 2009</u>
Fuel expenses included in Base fuel Component:	
Steam Generation - FERC Account 501	
0501110 Coal Consumed - Steam	\$ 80,553,466
0501222 Test Fuel Consumed	-
0501310 Fuel Oil Consumed - Steam	114,308
0501330 Fuel Oil Light-Off - Steam	650,170
Total Steam Generation - Account 501	<u>81,317,944</u>
Environmental Costs	
0509000 Emission Allowance Expense	13,268
Reagents.	1,593,815
Emission Allowance Sales	(597,250)
Total Environmental Costs	<u>1,009,833</u>
Nuclear Generation - FERC Account 518	
0518100 Burnup of Owned Fuel	11,806,692
0518600 Nuclear Fuel Disposal Cost	3,245,398
Total Nuclear Generation - Account 518	<u>15,052,090</u>
Other Generation - FERC Account 547	
0547100 Natural Gas Consumed	170,321
0547200 Fuel Oil Consumed - CT	23,048
Total Other Generation - Account 547	<u>193,369</u>
Total fossil and nuclear fuel expenses included in Base Fuel Component	97,573,235
Fuel component of purchased and interchange power per Schedule 3, pages 1 and 2	<u>6,703,560</u>
Total fuel expenses included in Base Fuel Component	<u>\$ 104,276,795</u>

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
DETAILS OF FUEL AND PURCHASED POWER EXPENSES

	<u>May 2009</u>
Other fuel expenses not included in Base Fuel Component:	
0518610 Spent Fuel Canisters-Accrual	172,382
0518620 Canister Design Expense	8,484
0518700 Fuel Cycle Study Costs	79,641
Non-fuel component of purchased and interchanged power	<u>11,379,503</u>
Total other fuel expenses not included in Base Fuel Component	<u>\$ 11,640,010</u>
Total FERC Account 501 - Total Steam Generation	81,317,944
Total Environmental Costs	1,009,833
Total FERC Account 518 - Total Nuclear Generation	15,312,597
Total FERC Account 547 - Other Generation	193,369
Total Purchased and Interchanged Power Expenses	<u>18,083,063</u>
Total Fuel and Purchased Power Expenses	<u>\$ 115,916,805</u>

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
MAY 2009

Schedule 3
SC, Purchases, Month
Page 1 of 3

Purchased Power	Total	Capacity		Non-Capacity		
Marketers, Utilities, Other	\$	MW	\$	MWH	Fuel \$	Non-Fuel \$
American Electric Power Serv Corp.	-	-	-	-	(347)	347
Associated Electric Cooperative Inc.	56,000	-	-	1,600	34,160	21,840
Blue Ridge Electric Membership Corp.	2,935,850	86	1,035,119	53,858	1,159,447	741,284
Cargill Power Marketers LLC	217,377	-	-	7,324	132,600	84,777
City of Kings Mtn	17,958	6	17,958	-	-	-
ConocoPhillips Company	10,440	-	-	245	6,368	4,072
Constellation	15,904	-	-	426	9,701	8,203
Haywood Electric	428,872	20	201,891	7,863	138,458	88,523
LGE/KU	63,700	-	-	2,100	38,857	24,843
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	304	-	-	-	185	119
Morgan Stanley Capital Group	550,903	-	-	16,529	336,051	214,852
NCEMC load following	6,621	-	-	862	4,445	4,176
NCMPA #1	3,538,248	-	-	103,575	1,723,791	1,814,455
Piedmont Electric Membership Corp.	1,486,054	42	528,297	27,550	803,308	156,440
PJM Interconnection LLC	2,812,028	-	-	92,003	1,776,023	1,158,005
Progress Energy Carolinas	215,721	-	-	8,250	121,436	84,285
Progress Energy Carolinas-Emergency	34,430	-	-	175	31,155	3,275
Rutherford Electric Membership Corp.	17,222	-	-	709	10,505	6,717
SC Electric & Gas	29,200	-	-	800	17,812	11,388
SC Public Service Authority (Santee Cooper)	1,129	-	-	-	689	440
Sequent Energy Management	38,948	-	-	9,986	22,538	14,410
Southern	176,955	-	-	4,809	107,943	69,012
SPCO - Rowan	1,359,983	456	1,359,983	-	-	-
The Energy Authority	370,025	-	-	13,815	225,716	144,309
Town of Dallas	584	-	584	-	-	-
Town of Forest City	21,024	7	21,024	-	-	-
Generation Imbalance	59,952	-	-	3,829	61,139	(1,187)
Energy Imbalance	241,466	-	-	3,393	137,889	103,597
	\$ 14,826,168	624	\$ 3,182,128	360,601	\$ 6,899,549	\$ 4,744,191

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
MAY 2009

Schedule 3
SC, Purchases, Month
Page 2 of 3

Purchased Power	Total	Capacity	Non-Capacity		
Cogen, Purps, Small Power Producers	\$	MW	\$	MWH	Fuel \$ Non-Fuel \$
Advantage Investment Group, LLC	210	-	-	4	- 210
AKS Real Estate Holdings LLC	15	-	-	-	- 15
Alamance Hydro, LLC	5,864	-	-	114	- 5,864
Andrews Truss, Inc.	51	-	-	1	- 51
Anna L. Reilly	31	-	-	1	- 31
Aquenergy Corp.	57,869	-	-	1,143	- 57,869
Barbara Ann Evans	3,267	-	-	102	- 3,267
Bruce Marotta	33	-	-	1	- 33
Byron P. Matthews	13	-	-	-	- 13
Catawba County	42,071	-	-	1,327	- 42,071
Cherokee County	2,262,735	-	168,697	36,363	(478,532) 2,592,570
Cliffside Mills LLC	11,422	-	-	235	- 11,422
Converse Energy	16,921	-	-	356	- 16,921
Dale Earnhardt, Inc.	149	-	-	3	- 149
Dave K. Birkhead	13	-	-	-	- 13
David A. Ringenburt	34	-	-	1	- 34
David E. Shi	23	-	-	-	- 23
David M. Thomas	21	-	-	-	- 21
David Wiener	15	-	-	-	- 15
Decision Support	219	-	-	4	- 219
Delta Products Corp.	160	-	-	3	- 160
Diann M. Barbacci	15	-	-	-	- 15
Everett L. Williams	18	-	-	1	- 18
Fogleman Construction, Inc.	11	-	-	-	- 11
Frances L. Thomson	33	-	-	1	- 33
Gerald Priebe	34	-	-	1	- 34
Gerald W. Meisner	32	-	-	1	- 32
Greenville Gas Producer, LLC	107,065	-	-	2,183	203,299 (66,234)
Gwenyth T. Reid	28	-	-	1	- 28
Haneline Power, LLC	5,765	-	-	117	- 5,765
Haw River Hydro Co.	24,698	-	-	771	- 24,698
Hayden-Harman Foundation	10	-	-	-	- 10
Hendrik J. Rodenburg	23	-	-	-	- 23
HMS Holdings Limited Partnership	264	-	-	5	- 264
Holzworth Holdings	14	-	-	-	- 14
Innovative Solar Solutions	27	-	-	1	- 27
Jafasa Farms	94	-	-	2	- 94
James B. Sherman	22	-	-	-	- 22
Jerome Levit	8	-	-	-	- 8
Jody Fine	15	-	-	-	- 15
Joel L. Hager	25	-	-	1	- 25
John H. DiIiberti	69	-	-	1	- 69
Linda Alexander	18	-	-	-	- 18
Matthew T. Ewers	17	-	-	-	- 17
Mayo Hydro	33,012	-	-	604	- 33,012
Mill Shoals Hydro	21,959	-	-	688	- 21,959
Northbrook Carolina Hydro	126,107	-	-	2,430	- 126,107
Optima Engineering	58	-	-	1	- 58
Pacifica HOA	29	-	-	1	- 29
Paul G. Keller	25	-	-	-	- 25
Peizer Hydro Co.	88,975	-	-	1,847	- 88,975
Phillip B. Caldwell	21	-	-	-	- 21
Pickins Mill Hydro LLC	10,520	-	-	215	- 10,520
Pippin Home Designs, Inc.	16	-	-	-	- 16
PRS-PK Engines, LLC	255	-	-	5	- 255
R. Lawrence Ashe Jr.	27	-	-	1	- 27
Ron B. Rozzelle	33	-	-	1	- 33
Rousch & Yates Racing Engines, LLC	243	-	-	5	- 243
Salem Energy Systems	108,345	-	-	2,417	- 108,345
Shawn Slome	11	-	-	-	- 11
South Yadkin Power	10,685	-	-	220	- 10,685
Spray Cotton Mills	13,914	-	-	342	- 13,914
Steve Mason Ent., Inc.	2,543	-	-	70	- 2,543
Steven Graf	35	-	-	1	- 35
Strates Inc.	39	-	-	1	- 39
T.S. Designs, Inc.	58	-	-	1	- 58
The Rocket Shop, LLC	15	-	-	-	- 15
Thomas Knox Worde	15	-	-	-	- 15
Thomas W. Bates	26	-	-	1	- 26
Town of Chapel Hill	27	-	-	1	- 27
Town of Lake Lure	26,551	-	-	776	- 26,551
W. Jefferson Holt	65	-	-	1	- 65
Walter C. McGervey	9	-	-	-	- 9
Yves Naar	31	-	-	1	- 31
Energy Imbalance	(44,527)	-	-	-	(71,275) 26,748
	\$ 2,968,563	-	\$ 168,697	62,554	\$ (346,508) \$ 3,136,374
TOTAL PURCHASED POWER	\$ 17,784,731	624	\$ 3,360,825	413,165	\$ 6,553,341 \$ 7,880,565
INTERCHANGES IN					
Other Catawba Joint Owners	6,791,325	-	-	703,948	3,169,675 3,621,650
Total Interchanges In	6,791,325	-	-	703,948	3,169,675 3,621,650
INTERCHANGES OUT					
Other Catawba Joint Owners	(6,492,993)	(866)	(134,209)	(670,990)	(3,019,456) (3,339,328)
Catawba- Net Negative Generation	-	-	-	-	- -
Total Interchanges Out	(6,492,993)	(866)	(134,209)	(670,990)	(3,019,456) (3,339,328)
Net Purchases and Interchange Power before PCL	18,083,063	(242)	3,216,616	446,113	6,703,560 8,162,887
Purchased Capacity Levelization	97,583	-	97,583	-	- -
Net Purchases and Interchange Power after PCL	18,180,646	(242)	3,314,199	446,113	6,703,560 8,162,887

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA FUEL FILING
MAY 2009

Schedule 3
SC, Sales, Month
Page 3 of 3

SALES	TOTAL CHARGES	CAPACITY		ENERGY		
		MW	\$	MWH	FUEL \$	NON-FUEL \$
Utilities:						
SC Public Service Authority - Emergency	\$ 32,133	-	\$ -	722	\$ 26,329	\$ 5,804
Market Based:						
Cargill-Alliant, LLC	45,359	-	-	856	35,865	9,494
Cobb Electric Membership Corp	23,706	-	-	418	17,065	6,641
ConocoPhillips Company	8,800	-	-	160	6,623	2,177
MISO	224,413	-	-	4,405	182,065	42,348
NCEMC (Generator/Instantaneous)	478,886	50	337,500	2,935	114,176	27,210
NCMPA #1	218,151	50	211,000	149	5,814	1,337
NCMPA #1 - Rockingham	157,500	50	157,500	-	-	-
Oglethorpe	63,621	-	-	1,239	51,338	12,283
PJM Interconnection LLC	123,763	-	-	4,818	199,803	(76,040)
Power South Coop	5,400	-	-	100	4,175	1,225
Progress Energy Carolinas	21,465	-	-	405	20,991	474
The Energy Authority	28,760	-	-	564	23,470	5,290
VEPCO	1,375	-	-	25	1,044	331
Other:						
Generation Imbalance	14,161	-	-	1,627	12,243	1,918
BPM Transmission	(54,163)	-	-	-	-	(54,163)
	<u>\$ 1,393,330</u>	<u>150</u>	<u>\$ 706,000</u>	<u>18,423</u>	<u>\$ 701,001</u>	<u>\$ (13,671)</u>

* Sales for resale other than native load priority.

NOTE(\$): Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
SC RETAIL COMPARISON OF FUEL REVENUES AND EXPENSES

Billing Period: October 2008 - September 2009
Current Month: May 2009

	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(Estimate)	(Estimate)	(Estimate)	(Estimate)
	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09
1 South Carolina sales (MWH)	1,584,631	1,592,476	1,769,078	1,694,883	1,741,562	1,557,118	1,434,985	1,424,373	1,895,012	2,004,877	2,133,615	2,058,954
2 Fuel costs (Cents per KWH)	2.1747	2.5021	1.7732	1.9496	1.6142	1.7591	1.5919	1.8371	2.3421	2.4528	2.4381	2.1968
3 Fuel base (Cents per KWH)	2.2472	2.2471	2.2482	2.2486	2.2482	2.2482	2.2477	2.2477	2.2634	2.2641	2.2641	2.2639
4 Fuel cost Incurred	\$34,460,970	\$39,845,342	\$31,369,291	\$33,043,439	\$28,112,294	\$27,391,263	\$22,843,526	\$26,167,156	\$44,383,076	\$49,175,623	\$52,019,667	\$45,231,101
5 Fuel cost billed	\$35,609,828	\$35,784,528	\$39,772,412	\$38,111,139	\$39,153,797	\$35,007,127	\$32,254,158	\$32,015,632	\$42,891,702	\$45,392,420	\$48,307,177	\$46,612,660
6 Over (Under) recovery (Line 5 - line 4 x constant tax factor of 1.0044)	\$1,153,912	(\$4,078,681)	\$8,440,095	\$5,089,997	\$11,090,087	\$7,649,374	\$9,452,041	\$5,874,210	(\$1,497,936)	(\$3,799,849)	(\$3,728,825)	\$1,387,638
7 Over (Under) recovery -- prior balance	\$12,158,806	\$12,265,701	\$8,540,390	\$15,839,969	\$20,536,344	\$30,951,135	\$38,069,266	\$47,015,459	\$52,078,525	\$50,580,589	\$46,780,740	\$43,051,915
8 Prior month correction/adjustment	(\$1,047,017)	\$353,370	(\$1,140,516)	(\$393,622)	(\$675,296)	(\$531,243)	(\$505,848)	(\$811,144)				
9 Cumulative over (under)	\$12,265,701	\$8,540,390	\$15,839,969	\$20,536,344	\$30,951,135	\$38,069,266	\$47,015,459	\$52,078,525	\$50,580,589	\$46,780,740	\$43,051,915	\$44,439,553

DUKE ENERGY CAROLINAS
FUEL COST REPORT
May 2009

Line No.	Description	(1) (B)	(2) (B)	(3) (B)	(4)	(5) (B)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	Total
	Station	Belews Creek	Marshall	Allen	Riverbend	Cliffside	Dan River	Buck	Lee	Buzzard Roost	Lincoln	Mill Creek	Rockingham	Oconee	McGuire	Catawba	Current Month
	Cost of Fuel Purchased(\$)																
1	Coal	54,907,986	22,403,346	15,449,287	1,959,648	8,912,816	6,821	959,619	1,874,637								108,474,360
2	Oil	271,853	180,904	143,267	-	60,373	-	(39)	188,431								824,789
3	Gas				600		350	372	10,888	(2,325)	34,396	(2,080)	128,120				170,321
4	Total	55,179,839	22,584,250	15,592,554	1,960,448	8,973,189	7,171	959,952	2,053,956	(2,325)	34,396	(2,080)	128,120				107,469,470
	Average Cost of Fuel as Purchased (CENTS/MBTU)																
5	Coal	374.57	338.46	393.82	348.74	354.02	244.07	409.55	332.03								366.11
6	Oil	1,138.31	1,137.56	1,130.85	-	1,168.34	-	(1,479.83)	1,080.51								1,126.58
7	Gas				INF.		INF.	INF.	888.09	INF.	448.68	INF.	448.80				453.38
8	Weighted Average	375.81	340.38	396.19	348.85	355.69	256.59	409.69	353.27	INF.	448.68	INF.	448.80				368.13
	Cost of Fuel Burned(\$)																
9	Coal (A) (D)	34,484,724	30,212,006	5,813,141	29,968	9,436,437	-	435,401	141,789								80,553,466
10	Oil	256,739	166,028	236,129	9,824	74,648	2,519	17,187	21,980		2,472						787,526
11	Gas				600		350	372	10,888	(2,325)	34,396	(2,080)	128,120				170,321
12	Nuclear (E) (F)													5,363,305	8,193,786	7,767,840	21,324,931
13	Total	34,741,463	30,378,034	6,049,270	40,392	9,511,085	2,869	452,960	174,657	(2,325)	36,868	(2,080)	128,120	5,363,305	8,193,786	7,767,840	102,836,244
14	Less: Catawba joint owner's share															6,272,841	6,272,841
15	Adjusted total															1,484,999	96,563,403
	Average Cost of Fuel Burned (CENTS/MBTU)																
16	Coal	383.84	328.56	373.11	343.39	356.43	-	390.97	337.06								357.27
17	Oil	1,174.52	1,149.06	1,104.80	1,621.12	1,123.88	1,773.94	1,651.01	1,559.97		1,155.14						1,162.66
18	Gas				INF.		INF.	INF.	888.09	INF.	448.68	INF.	448.80				453.38
19	Nuclear													36.87	47.39	44.93	43.41
20	Weighted Average	385.76	329.84	383.01	432.79	358.35	INF.	402.97	390.72	INF.	467.87	INF.	448.80	36.87	47.39	44.93	143.27
	Average Cost of Fuel Burned (C) (CENTS/KWH Generated)																
21	Coal	3.60	3.06	4.05	(D)	3.56	(D)	4.78	5.77								3.41
22	Oil	INF.	INF.	INF.	(D)	INF.	(D)	(D)	INF.		(D)						(D)
23	Gas				INF.		INF.	INF.	49.49	INF.	(D)	INF.	6.02				8.45
24	Nuclear													0.38	0.48	0.45	0.44
25	Weighted Average	3.63	3.08	4.21	(D)	3.58	(D)	4.99	6.98	(D)	(D)	(D)	6.02	0.38	0.48	0.45	1.43
	MBTU's Burned																
26	Coal	8,984,061	9,195,415	1,558,015	8,727	2,947,488	-	111,363	42,066								22,547,135
27	Oil	21,859	14,449	21,373	606	6,642	142	1,041	1,409		214						57,735
28	Gas				-		-	-	1,226		7,666		28,675				37,567
29	Nuclear													14,548,252	17,291,200	17,289,616	49,127,068
30	Total	9,005,920	9,209,864	1,579,388	9,333	2,654,130	142	112,404	44,701	-	7,880	-	28,675	14,548,252	17,291,200	17,289,616	71,779,505
31	Less: Catawba joint owner's share															13,962,057	13,962,057
32	Adjusted total															3,327,559	57,817,448
	Net Generation (MWH)																
33	Coal	958,142	986,631	143,540	(875)	265,404	(709)	9,115	2,456								2,383,704
34	Oil	-	-	-	(92)	-	(27)	(31)	24	(93)	(4)	(363)	-				(586)
35	Gas				-		-	-	22	-	(137)	-	2,130				2,015
36	Nuclear													1,422,159	1,709,086	1,719,732	4,850,977
37	Total	958,142	986,631	143,540	(967)	265,404	(736)	9,084	2,502	(93)	(141)	(363)	2,130	1,422,159	1,709,086	1,719,732	7,216,110
38	Less: Catawba joint owner's share															1,388,752	1,388,752
39	Adjusted total															330,980	5,827,358

NOTE(S): Detail amounts may not add to totals shown due to rounding.

- (A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec08, which are reflected in cost of coal consumed and tons of coal consumed.
 (B) These stations are steam generation only; therefore, gas is not applicable.
 (C) CENTS/KWH not computed when net generation is negative.
 (D) Cost of fuel burned excludes \$13,268 associated with emission allowance expense for the month.
 (E) Cost of fuel burned excludes \$172,382 associated with canister accrual for the month.
 (F) Cost of fuel burned excludes \$8,484 associated with canister design expense for the month.

DUKE ENERGY CAROLINAS
FOSSIL FUEL CONSUMPTION AND INVENTORY REPORT
May 2009

Line No.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Description													
	(B) Belews Creek	(B) Marshall	(B) Allen	Riverbend	(B) Cliffside	Dan River	Buck	Lee	Buzzard Roost	Lincoln	Mill Creek	Rockingham	Month Total
1 Location													
Coal Data (A):													
2 Tons received during period	597,327	265,381	159,326	23,915	103,810	116	9,654	22,569					1,182,098
3 Inventory adjustments	(2,625)	(1,973)	(773)	11	981	0	303	160					(3,916)
4 Tons burned during period	364,570	375,445	63,146	345	109,319	-	4,918	1,726					919,469
5 MBTU's burned per ton	24.64	24.49	24.67	25.30	24.22	-	22.64	24.37					24.52
Tons coal on hand:													
6 Beginning balance	1,170,854	1,136,393	575,643	318,043	405,702	113,327	222,505	223,758					4,166,225
7 Ending balance	1,400,986	1,024,356	671,050	341,624	401,174	113,443	227,544	244,761					4,424,938
8 Cost of ending inventory (\$ per ton)	94.77	80.63	92.17	86.87	86.11	89.04	88.42	82.11					88.53
Oil Data:													
9 Gallons received during period	172,087	114,926	92,083	-	37,276	-	19	112,690	-	-	-	-	529,081
10 Miscellaneous usage, transfers and adjustments	(11,590)	(27,381)	(6,263)	(932)	(8,086)	(176)	(623)	(4,238)	-	-	-	-	(59,289)
11 Gallons burned during period	157,509	104,420	155,348	4,386	47,913	1,028	7,505	10,186	-	1,545	-	-	489,840
Gallons oil on hand:													
12 Beginning balance	235,312	325,985	189,463	247,172	77,845	283,866	594,101	497,069	1,536,309	8,868,588	3,952,014	2,254,372	19,062,096
13 Ending balance	238,300	309,110	119,935	241,854	59,122	282,662	585,992	595,335	1,536,309	8,867,043	3,952,014	2,254,372	19,042,048
14 Cost of ending inventory (\$ per gallon)	1.64	1.59	1.52	2.24	1.55	2.45	2.29	2.15	0.79	1.60	1.25	2.34	1.61
Gas Data (C):													
15 MCF received during period				-		-	-	1,200	-	7,428	-	27,572	36,200
16 MCF burned during period				-		-	-	1,200	-	7,428	-	27,572	36,200
MCF gas on hand:													
17 Beginning balance													
18 Ending balance													
19 Cost of ending inventory (\$ per MCF)													

NOTE(S): Detail amounts may not add to totals shown due to rounding.

(A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec08, which are reflected in cost of coal consumed and tons of coal consumed.

(B) These stations are steam generation only; therefore, gas is not applicable.

(C) Gas is burned as received; therefore, inventory balances are not maintained.

Schedule 6

SCHEDULE 7

**DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
MAY 2009**

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	-	\$ -	\$ -
	CONTRACT	159,326	15,177,217.28	95.26
	ADJUSTMENTS	-	272,069.74	-
	TOTAL	<u>159,326</u>	<u>15,449,287.02</u>	<u>96.97</u>
BELEWS CREEK	SPOT	-	-	-
	CONTRACT	597,328	53,732,084.00	89.95
	ADJUSTMENTS	-	1,175,900.48	-
	TOTAL	<u>597,328</u>	<u>54,907,984.48</u>	<u>91.92</u>
BUCK	SPOT	-	-	-
	CONTRACT	9,654	914,381.86	94.72
	ADJUSTMENTS	-	45,237.54	-
	TOTAL	<u>9,654</u>	<u>959,619.40</u>	<u>99.41</u>
CLIFFSIDE	SPOT	-	-	-
	CONTRACT	103,810	8,738,348.17	84.18
	ADJUSTMENTS	-	174,467.70	-
	TOTAL	<u>103,810</u>	<u>8,912,815.87</u>	<u>85.86</u>
DAN RIVER	SPOT	-	-	-
	CONTRACT	116	6,821.59	58.64
	ADJUSTMENTS	-	-	-
	TOTAL	<u>116</u>	<u>6,821.59</u>	<u>58.64</u>
LEE	SPOT	-	-	-
	CONTRACT	22,569	1,808,104.49	80.11
	ADJUSTMENTS	-	66,532.87	-
	TOTAL	<u>22,569</u>	<u>1,874,637.36</u>	<u>83.06</u>
MARSHALL	SPOT	-	-	-
	CONTRACT	265,381	21,746,590.42	81.94
	ADJUSTMENTS	-	656,755.64	-
	TOTAL	<u>265,381</u>	<u>22,403,346.06</u>	<u>84.42</u>
RIVERBEND	SPOT	-	-	-
	CONTRACT	23,915	1,916,170.50	80.12
	ADJUSTMENTS	-	43,677.57	-
	TOTAL	<u>23,915</u>	<u>1,959,848.07</u>	<u>81.95</u>
ALL PLANTS	SPOT	-	-	-
	CONTRACT	1,182,098	104,039,718.31	88.01
	ADJUSTMENTS	-	2,434,641.54	-
	TOTAL	<u>1,182,098</u>	<u>\$ 106,474,359.85</u>	<u>\$ 90.07</u>

SCHEDULE 8

**Duke Energy Carolinas
Analysis of Quality of Coal Received
May 2009**

Station	<u>Percent Moisture</u>	<u>Percent Ash</u>	<u>Heat Value</u>	<u>Percent Sulfur</u>
Allen	6.53	11.37	12,311	0.93
Belews Creek	6.58	11.49	12,270	0.96
Buck	7.22	11.27	12,136	0.67
Cliffside	7.76	11.06	12,126	1.00
Dan River	5.18	15.74	12,013	0.95
Lee	8.11	8.44	12,508	1.01
Marshall	6.36	10.79	12,471	1.44
Riverbend	8.47	12.40	11,750	0.97

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
May 2009

Station	Allen	Belews Creek	Buck	Cliffside 5	Lee	Marshall
Vendor	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0.03	0.03	0.03	0	0.02	0.03
Gallons Received	92,083	172,087	19	37,276	112,690	114,926
Total Delivered Cost	\$ 143,266.52	\$ 271,853.18	\$ (38.52)	\$ 60,372.54	\$ 168,431.71	\$ 180,904.01
Delivered Cost/Gal	\$ 1.5558	\$ 1.5797	\$ (2.0274)	\$ 1.6196	\$ 1.4946	\$ 1.5741
Delivered Cost/MBTU	\$ 11.3085	\$ 11.3836	\$ (14.6218)	\$ 11.6830	\$ 10.8063	\$ 11.3756
BTU/Gallon	137,582	138,774	138,654	138,629	138,312	138,374

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

June,2008 - May,2009

<u>Plant Name</u>	<u>Generation MWH</u>	<u>Capacity Rating MW</u>	<u>Capacity Factor %</u>	<u>Net Equivalent Availability %</u>
Oconee	20,824,225	2,538	93.66	91.73
McGuire	18,400,648	2,200	95.48	91.84
Catawba	18,463,998	2,258	93.35	91.01

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary

June 2008 through May 2009

Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	7,657,560	1,118	78.17	83.60
Belews Creek 2	7,968,101	1,118	81.34	89.60

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
June 2008 through May 2009
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	3,504,494	562	71.18	90.98
Marshall 1	2,253,877	380	67.71	90.37
Marshall 2	2,045,687	380	61.45	88.37
Marshall 3	3,714,734	658	64.45	71.05
Marshall 4	4,264,329	660	73.76	84.17

**Duke Energy Carolinas
Power Plant Performance Data**

Schedule 10

Page 4 of 6

**Twelve Month Summary
June 2008through May 2009**

Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	541,489	165	37.46	85.64
Allen 2	563,323	165	38.97	92.22
Allen 3	1,301,945	265	56.08	92.38
Allen 4	1,362,771	280	55.56	87.81
Allen 5	1,383,116	270	58.48	90.89
Buck 3	50,939	75	7.75	92.99
Buck 4	38,156	38	11.46	95.52
Buck 5	355,590	128	31.71	90.73
Buck 6	387,584	128	34.57	83.08
Cliffside 1	22,386	38	6.72	83.91
Cliffside 2	5,961	38	1.79	76.28
Cliffside 3	66,544	61	12.45	85.90
Cliffside 4	74,818	61	14.00	91.55
Dan River 1	84,782	67	14.45	92.82
Dan River 2	93,491	67	15.93	92.22
Dan River 3	344,752	142	27.71	89.68
Lee 1	186,202	100	21.26	88.26
Lee 2	227,121	100	25.93	95.34
Lee 3	197,359	170	13.25	63.30
Riverbend 4	204,854	94	24.88	94.11
Riverbend 5	193,107	94	23.45	92.43
Riverbend 6	328,610	133	28.20	87.16
Riverbend 7	343,679	133	29.50	89.80

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary

Schedule 10

Page 5 of 6

June,2008 through May,2009

Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-228	93	98.39
Buzzard Roost CT	-949	196	98.94
Dan River CT	-121	85	85.36
Lee CT	21,742	82	98.29
Lincoln CT	50,402	1,264	97.23
Mill Creek CT	34,185	592	97.61
Riverbend CT	-931	120	85.05
Rockingham CT	188,853	825	94.19

Duke Energy Carolinas

Power Plant Performance

12 Months Ended MAY 09

Schedule 10
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Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	39,983	23.000	95.71
Buzzard Roost	-	-	100.00
Cedar Creek	102,356	45.000	93.08
Cowans Ford	101,418	325.000	96.29
Dearborn	124,467	42.000	91.26
Fishing Creek	109,535	49.000	94.61
Gaston Shoals	12,412	4.600	70.16
Great Falls	1,360	24.000	41.92
Keowee	14,966	157.500	97.82
Lookout Shoals	65,142	27.000	96.19
Mountain Island	72,859	62.000	97.13
Ninety Nine Island	41,437	18.000	62.51
Oxford	74,605	40.000	98.16
Rhodhiss	45,484	30.500	97.71
Rocky Creek	3,465	28.000	30.68
Tuxedo	11,016	6.400	73.31
Wateree	163,995	85.000	96.55
Wylie	103,679	72.000	96.69
Nantahala	189,450	50.000	74.27
Queens Creek	2,538	1.440	96.13
Thorpe	54,758	19.700	97.46
Tuckasegee	4,823	2.500	98.83
Tennessee Creek	28,423	9.800	92.36
Bear Creek	20,564	9.450	95.01
Cedar Cliff	14,865	6.380	95.01
Mission	1,124	1.800	85.92
Franklin	(8)	1.040	79.32
Bryson	490	1.040	70.63
Dillsboro	-	0.230	50.00

Total Conventional	<u>1,405,205</u>		
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Pumped Storage Plants			
Jocassee	957,575	730.000	97.17
Bad Creek	<u>2,247,525</u>	1,360.000	94.42
Total	<u>3,205,100</u>		

Less Energy for Pumping			
Jocassee	(1,268,142)		
Bad Creek	<u>(2,832,241)</u>		
Total	<u>(4,100,383)</u>		

Total Pumped Storage			
Jocassee	(310,567)		
Bad Creek	<u>(584,716)</u>		
Total	<u>(895,283)</u>		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: May, 2009

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	04/24/2009-05/21/2009	496.42	SCHEDULED	END-OF-CYCLE 24 REFUELING OUTAGE	REFUEL AND MAINTENANCE	REFUEL AND MAINTENANCE
		05/21/2009-05/25/2009	77.55	UNSCHEDULED	REACTOR / TURBINE TRIP DUE TO GENERATOR DIFFERENTIAL LOCKOUT ON PHASE X	INCORRECT 87UX UNIT DIFFERENTIAL X PHASE RELAY CALIBRATION DUE TO INADEQUATE GUIDANCE	RELAY SETTINGS WERE RECALIBRATED AND OTHER RELAY SETTINGS VERIFIED
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	None					

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
Page 2 of 16

May 2009

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
01	3/20/2009 4:57:00 PM To 5/7/2009	Sch	4230 LP TURBINE ROTOR SHAFT	l.p turbine	
01	5/7/2009 To 5/13/2009 1:12:00 AM	Sch	3412 FEEDWATER PUMP DRIVE - STEAM TURBINE	bfp,turbine	
02	5/16/2009 4:37:00 PM To 5/18/2009 10:07:00 AM	Unsch	1080 ECONOMIZER LEAKS	BOILER TUBE LEAK, ECONOMIZER	
02	5/20/2009 7:03:00 PM To 5/22/2009 4:15:00 PM	Unsch	1488 AIR HEATER (REGENERATIVE)	2a (sah) secondary air heater tripped	
01	5/29/2009 11:08:00 PM To 5/30/2009 6:00:00 PM	Sch	0799 OTHER PIPING SYSTEM PROBLEMS	.grey lock fitting leak and a bfpt lube oil pump	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
May, 2009
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	744		744		744	
(C1) Net Gen (MWH) and Capacity Factor	641011	101.84	649715	103.22	131433	20.88
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	419971	66.72
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00	11740	1.87
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	65607	10.42
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-11587	-1.84	-20291	-3.22	673	0.11
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	629424	100.00 %	629424	100.00 %	629424	100.00 %
(I) Equivalent Availability	99.94		100.00		21.40	
(J) Output Factor	101.84		103.22		91.37	
(K) Heat Rate	10,157		10,031		11,552	

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
 BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
 May, 2009
 McGuire Nuclear Station

Exhibit B
 Page 4 of 16

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	852705	104.19	856381	104.64
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	643	0.08	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-34948	-4.27	-37981	-4.64
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	818400	100.00 %	818400	100.00 %
(I) Equivalent Availability		99.92		100.00
(J) Output Factor		104.19		104.64
(K) Heat Rate		10,132		10,103

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
May, 2009
Catawba Nuclear Station

Exhibit B
Page 5 of 16

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	857316	102.06	862416	102.67
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-17340	-2.06	-22440	-2.67
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	839976	100.00 %	839976	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		102.06		102.67
(K) Heat Rate		10,085		10,023

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
Page 6 of 16

May 2009

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	744	744
(C1) Net Generation (mWh)	377,629	580,513
(C1) Capacity Factor	45.73	70.29
(D1) Net mWh Not Generated due to Full Scheduled Outages	341,954	0
(D1) Scheduled Outages: percent of Period Hrs	41.41	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	19,278	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	0	96,237
(E1) Forced Outages: percent of Period Hrs	0.00	11.65
(E2) Net mWh Not Generated due to Partial Forced Outages	20	944
(E2) Forced Derates: percent of Period Hrs	0.00	0.11
(F) Net mWh Not Generated due to Economic Dispatch	86,958	148,147
(F) Economic Dispatch: percent of Period Hrs	10.53	17.94
(G) Net mWh Possible in Period	825,840	825,840
(H) Equivalent Availability	56.26	88.23
(I) Output Factor (%)	83.81	87.93
(J) Heat Rate (BTU/NkWh)	9,503	9,332

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

**Exhibit B
Page 7 of 16**

**May 2009
Marshall Steam Station**

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	744	744	744	744
(C1) Net Generation (mWh)	55,001	98,672	457,039	375,919
(D) Net mWh Possible in Period	282,720	282,720	489,552	491,040
(E) Equivalent Availability	45.38	51.63	99.96	90.66
(F) Output Factor (%)	65.10	71.79	93.36	83.87
(G) Capacity Factor	19.45	34.90	93.36	76.56

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

**Exhibit B
Page 8 of 16**

**May 2009
Cliffside Steam Station**

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	744
(C1) Net Generation (mWh)	266,075
(D) Net mWh Possible in Period	418,128
(E) Equivalent Availability	94.96
(F) Output Factor (%)	76.27
(G) Capacity Factor	63.63

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
June, 2008 - May, 2009
Oconee Nuclear Station

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	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	7476910	100.89	6445161	86.97	6902154	93.13
(D1) Net MWH Not Gen Due To Full Scheduled Outages	821	0.01	873115	11.78	541863	7.31
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	21862	0.30	20339	0.27	-2879	-0.04
(E1) Net MWH Not Gen Due To Full Forced Outages	15634	0.21	194808	2.63	122204	1.65
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-104267	-1.41	-122463	-1.65	-152382	-2.05
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability	99.47		84.94		90.79	
(J) Output Factor	101.11		101.61		102.30	
(K) Heat Rate	10,201		10,152		10,115	

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
June, 2008 - May, 2009
McGuire Nuclear Station

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	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8344936	86.60	10055712	104.36
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897600	9.32	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	36733	0.38	686	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	611270	6.34	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-254539	-2.64	-420398	-4.37
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		83.69		99.99
(J) Output Factor		102.68		104.36
(K) Heat Rate		10,219		10,129

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
 BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
 June, 2008 - May, 2009
 Catawba Nuclear Station

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	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	9548602	96.55	8915396	90.15
(D1) Net MWH Not Gen Due To Full Scheduled Outages	441721	4.47	1113149	11.26
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	36761	0.37	42994	0.43
(E1) Net MWH Not Gen Due To Full Forced Outages	103100	1.04	45702	0.46
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-240144	-2.43	-227201	-2.30
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		94.11		87.92
(J) Output Factor		102.18		102.11
(K) Heat Rate		10,037		10,022

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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**June 2008 through May 2009
Belews Creek Steam Station**

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,118	1,118
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	7,657,560	7,968,101
(C1) Capacity Factor	78.17	81.34
(D1) Net mWh Not Generated due to Full Scheduled Outages	1,452,846	274,308
(D1) Scheduled Outages: percent of Period Hrs	14.83	2.80
(D2) Net mWh Not Generated due to Partial Scheduled Outages	61,133	21,795
(D2) Scheduled Derates: percent of Period Hrs	0.43	0.22
(E1) Net mWh Not Generated due to Full Forced Outages	39,514	705,316
(E1) Forced Outages: percent of Period Hrs	0.40	7.20
(E2) Net mWh Not Generated due to Partial Forced Outages	44,564	17,316
(E2) Forced Derates: percent of Period Hrs	0.45	0.18
(F) Net mWh Not Generated due to Economic Dispatch	540,983	809,763
(F) Economic Dispatch: percent of Period Hrs	5.52	8.27
(G) Net mWh Possible in Period	9,796,800	9,796,800
(H) Equivalent Availability	83.60	89.60
(I) Output Factor (%)	92.59	91.38
(J) Heat Rate (BTU/NkWh)	9,310	9,204

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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June 2008 through May 2009

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	659	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	2,253,877	2,045,687	3,714,734	4,264,329
(D) Net mWh Possible in Period	3,332,520	3,332,520	5,773,008	5,789,040
(E) Equivalent Availability	90.37	88.37	71.05	84.17
(F) Output Factor (%)	81.50	78.83	90.16	87.27
(G) Capacity Factor	67.71	61.45	64.45	73.76

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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June 2008 through May 2009

Cliffside Steam Station

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	8,760
(C1) Net Generation (mWh)	3,504,494
(D) Net mWh Possible in Period	4,923,120
(E) Equivalent Availability	90.98
(F) Output Factor (%)	83.38
(G) Capacity Factor	71.18

DUKE ENERGY CAROLINAS
Outages for 100MW or Larger Units
May,2009

Full Outage Hours					
	<u>Unit</u>	<u>MW</u>	<u>Scheduled</u>	<u>Unscheduled</u>	<u>Total</u>
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	496.42	77.55	573.97
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas
Outages for 100 mW or Larger Units
May 2009

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Unit Name	Capacity Rating (mW)	Full Outage Hours		Total Outage Hours
		Scheduled	Unscheduled	
Allen 1	165	49.25	0.00	49.25
Allen 2	165	74.00	0.00	74.00
Allen 3	265	254.17	0.00	254.17
Allen 4	280	202.80	58.87	261.67
Allen 5	270	80.50	0.00	80.50
Belews Creek 1	1,110	308.07	0.00	308.07
Belews Creek 2	1,110	0.00	86.70	86.70
Buck 5	128	6.28	0.00	6.28
Buck 6	128	204.28	0.00	204.28
Cliffside 5	562	0.00	31.28	31.28
Dan River 3	142	28.00	0.00	28.00
Lee 1	100	99.00	0.00	99.00
Lee 2	100	55.00	0.00	55.00
Lee 3	170	0.00	0.00	0.00
Marshall 1	380	356.47	35.93	392.40
Marshall 2	380	351.28	0.00	351.28
Marshall 3	658	0.00	0.00	0.00
Marshall 4	660	63.35	1.50	64.85
Riverbend 6	133	95.00	0.00	95.00
Riverbend 7	133	143.00	0.00	143.00
Rockingham CT1	165	42.15	0.00	42.15
Rockingham CT2	165	42.75	0.00	42.75
Rockingham CT3	165	39.83	0.00	39.83
Rockingham CT4	165	92.70	0.00	92.70
Rockingham CT5	165	182.00	0.00	182.00